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1	Claims	
2	I claim:	
3	Claim 1. A protective barrier device for protecting	
4	frangible portions of a structure from wind force and wind born	
5	objects comprising at least one panel of flexible mesh material	
6	with a burst strength greater than 61.3 psi and an interstice	
7	size preventing passage of wind born objects greater than 3/16	
8	inch diameter, approximately, said panel including a peripheral	
9	hem adapted to secure said panel to said structure whereby said	
10	panel is spaced apart from said structure a minimum deflection	
11	distance to allow for deceleration of objects impacting said	
12	panel before the objects impact the frangible portions of said	
13	structure.	
14		
15	Claim 2. A protective barrier according to claim 1	
16	wherein said panel is a textile formed from synthetic threads.	
17		
18	Claim 3. A protective barrier according to claim 2	
19	wherein said textile is resistant to ultra violet, biological,	
20	and chemical degradation.	
21		
22	Claim 4. A protective barrier according to claim 2	
23	wherein said textile is polypropylene.	
24		

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1 Claim 5. A protective barrier according to claim 2 2 wherein said textile is vinyl-coated polyester. 3 4 A protective barrier according to claim 1 wherein said panel is transparent. 5 6 Claim 7. A protective barrier according to claim 1 wherein said panel includes a superposed layer of continuous 8 9 film. 10 11 Claim 8. A protective barrier according to claim 1 wherein said peripheral hem has a plurality of releasable 12 fasteners, some of said fasteners adapted to attach to ground 13 anchors to secure said panel spaced apart from said structure. 14 15 16 Claim 9. A protective barrier according to claim 1 wherein said barrier includes a plurality of said panels, said 17 panels having parallel edges adapted to be releasably 18 19 connected, said edges having cooperating releasable fasteners 20 spaced therealong. 21 22 A protective barrier according to claim 9 Claim 10. wherein said spaced fastenings are reinforced with a tape means 23

attached to the material in a butterfly pattern.

1 Claim 11. A protective barrier according to claim 10 2 wherein said tape is polypropylene. 3 4 Claim 12. A protective barrier according to claim 9 5 wherein said spaced fastenings are set in from an edge of 6 said curtain means to cause said edge to extend past inset fasteners to eliminate any gap that may otherwise exist between 7 8 the edge and an attaching means. 9 10 A protective barrier device for protecting Claim 13. 11 frangible portions of a structure from the force of wind and 12 wind born objects comprising at least one panel of flexible 13 mesh material having a maximum deflection of approximately 20% before failure and air permeability of approximately 250 cfm at 14 a wind force of 1 inch Hg., said panel having an upper edge and 15 a lower edge, said upper edge adapted to attach to said 16 17 structure and said lower edge adapted to attach to the ground

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Claim 14. A protective barrier according to claim 13
wherein said minimum deflection distance is calculated
according to the steps of:

deflection distance of said panel.

in such a manner to provide a minimum deflection distance

between said structure and said panel greater than said maximum

1 dividing the impact test force by the failure force of said panel to obtain a fraction, the quotient must be less than 2 or equal to 1 for the panel to be acceptable; 3 multiplying said fraction by the known stretch of said 4 panel at failure to obtain a stretch factor; 5 multiplying said stretch factor by the span distance of 6 said panel to obtain a resultant measurement of stretch; 7 8 adding said resultant measurement of stretch to be added to said span distance to obtain a sum; 9 dividing said sum by 2 to form the hypothenuse of a right 10 triangle, the known side of the right triangle is the span 11 12 length divided by 2; 13 subtracting the square of the known side from the square of the hypothenuse to obtain the square of the maximum 14 15 deflection; 16 calculating the square root of said square to obtain a final measurement as the minimum distance said panel is mounted 17 from the frangible portion of said structure being protected. 18 19 20 Claim 15. The protective barrier according to claim 14 including a step of allowing for wind pressure comprising; 21 adding the resultant cumulative pressure calculated on a 22 length of said span and on the maximum wind speed to be allowed 23 to said impact test force obtaining a net sum; 24

1	substituting said net sum of said two forces for said
2	impact test force.
3	
4	Claim 16. The protective barrier according to claim 13
5	including a step of allowing for curtain means attachment
6.	comprising:
7	adding a slack distance to said final measurement, said
8	slack distance solely as a result of anchoring slack, said
9	minimum distance being the sum of said slack distance and said
10	final measurement.
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12	